

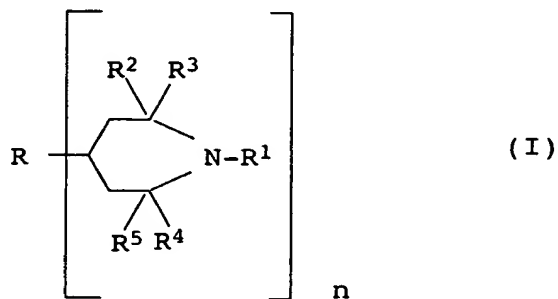
Inherently light- and heat-stabilized polyamides of improved wetfastness

5 Abstract

A process for preparing polyamides comprises polymerizing starting monomers or starting oligomers in the presence of at least one compound of the formula (I)

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where

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R

is a functional group R^8 which bears 1-4 identical or different amide-forming groups R^7 ,

R^1

is H, C_1 - C_{20} -alkyl, cycloalkyl, benzyl or OR^6 , where

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R^6 is H, C_1 - C_{20} -alkyl, cycloalkyl or benzyl, R^2 , R^3 , R^4 and R^5

are independently C_1 - C_{10} -alkyl,

n

is a natural number greater than 1, and

35 the piperidine derivatives attached to R are identical or different with regard to the substituents, meaning R^1 , R^2 , R^3 , R^4 and R^5 .

The polyamides are useful for preparing filaments, fibers, films, 40 sheetlike structures and moldings.

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